

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/091,605DATE: 02/22/2000
TIME: 14:01:31

INPUT SET: S34734.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: Borts, Tracy L.
Broderick, Carol L.
DiMarchi, Richard D.
Grinnell, Brian W.
Miller, Anne R.

(ii) TITLE OF INVENTION: DIABETES THERAPY

(iii) NUMBER OF SEQUENCES: 9

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Eli Lilly and Company
(B) STREET: Lilly Corporate Center
(C) CITY: Indianapolis
(D) STATE: Indiana
(E) COUNTRY: USA
(F) ZIP: 46285

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US/09/091,605
(B) FILING DATE: 16-JUN-1998
(C) CLASSIFICATION: 514

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Davis, Steven G.
(B) REGISTRATION NUMBER: 39,652
(C) REFERENCE/DOCKET NUMBER: X-9872

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (617) 250-1833
(B) TELEFAX: (617) 354-6355

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/091,605DATE: 02/22/2000
TIME: 14:01:32

INPUT SET: S34734.raw

47 (A) LENGTH: 31 amino acids
48 (B) TYPE: amino acid
49 (C) STRANDEDNESS: single
50 (D) TOPOLOGY: linear
51
52 (ii) MOLECULE TYPE: protein
53
54
55 (ix) FEATURE:
56 (A) NAME/KEY: Modified-site
57 (B) LOCATION: 2
58 (D) OTHER INFORMATION: /note= "Xaa at position 2 is Ala,
59 Gly, Val, Thr, and Ile"
60
61 (ix) FEATURE:
62 (A) NAME/KEY: Modified-site
63 (B) LOCATION: 15
64 (D) OTHER INFORMATION: /note= "Xaa at position 15 is Glu,
65 Gln, Ala, Thr, Ser, and Gly"
66
67 (ix) FEATURE:
68 (A) NAME/KEY: Modified-site
69 (B) LOCATION: 20
70 (D) OTHER INFORMATION: /note= "Xaa at position 20 is Lys,
71 and Arg"
72
73 (ix) FEATURE:
74 (A) NAME/KEY: Modified-site
75 (B) LOCATION: 21
76 (D) OTHER INFORMATION: /note= "Xaa at position 21 is Glu,
77 Gln, Ala, Thr, Ser, and Gly; and,"
78
79 (ix) FEATURE:
80 (A) NAME/KEY: Modified-site
81 (B) LOCATION: 31
82 (D) OTHER INFORMATION: /note= "Xaa at position 31 is
83 Gly-OH or is absent"
84
85
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
87
88 His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly
89 1 5 10 15
90
91 Gln Ala Ala Xaa Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
92 20 25 30
93
94 (2) INFORMATION FOR SEQ ID NO:2:
95
96 (i) SEQUENCE CHARACTERISTICS:
97 (A) LENGTH: 93 base pairs
98 (B) TYPE: nucleic acid
99 (C) STRANDEDNESS: single

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/091,605

DATE: 02/22/2000

TIME: 14:01:32

INPUT SET: S34734.raw

100 (D) TOPOLOGY: linear

101

102 (ii) MOLECULE TYPE: cDNA

103

104

105 (ix) FEATURE:

106 (A) NAME/KEY: CDS

107 (B) LOCATION: 1..93

108

109

110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

111

112 CAT GCT GAA GGG ACC TTT ACC AGT GAT GTA AGT TCT TAT TTG GAA GGC 48

113 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly

114 1 5 10 15

115

116 CAA GCT GCC AAG GAA TTC ATT GCT TGG CTG GTG AAA GGC CGA GGA 93

117 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly

118 20 25 30

119

120

121 (2) INFORMATION FOR SEQ ID NO:3:

122

123 (i) SEQUENCE CHARACTERISTICS:

124 (A) LENGTH: 31 amino acids

125 (B) TYPE: amino acid

126 (D) TOPOLOGY: linear

127

128 (ii) MOLECULE TYPE: protein

129

130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

131

132 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly

133 1 5 10 15

134

135 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly

136 20 25 30

137

138 (2) INFORMATION FOR SEQ ID NO:4:

139

140 (i) SEQUENCE CHARACTERISTICS:

141 (A) LENGTH: 93 base pairs

142 (B) TYPE: nucleic acid

143 (C) STRANDEDNESS: single

144 (D) TOPOLOGY: linear

145

146 (ii) MOLECULE TYPE: cDNA

147

148

149 (ix) FEATURE:

150 (A) NAME/KEY: CDS

151 (B) LOCATION: 1..93

152

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/091,605DATE: 02/22/2000
TIME: 14:01:32

INPUT SET: S34734.raw

153
154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
155
156 CAT GTT GAA GGG ACC TTT ACC AGT GAT GTA AGT TCT TAT TTG GAA GGC 48
157 His Val Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
158 1 5 10 15
159
160 CAA GCT GCC AAG GAA TTC ATT GCT TGG CTG GTG AAA GGC CGA GGA 93
161 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
162 20 25 30
163
164
165 (2) INFORMATION FOR SEQ ID NO:5:
166
167 (i) SEQUENCE CHARACTERISTICS:
168 (A) LENGTH: 31 amino acids
169 (B) TYPE: amino acid
170 (D) TOPOLOGY: linear
171
172 (ii) MOLECULE TYPE: protein
173
174 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
175
176 His Val Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
177 1 5 10 15
178
179 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
180 20 25 30
181
182 (2) INFORMATION FOR SEQ ID NO:6:
183
184 (i) SEQUENCE CHARACTERISTICS:
185 (A) LENGTH: 105 base pairs
186 (B) TYPE: nucleic acid
187 (C) STRANDEDNESS: single
188 (D) TOPOLOGY: linear
189
190 (ii) MOLECULE TYPE: cDNA
191
192
193
194
195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
196
197 GACATGCTGA AGGGACCTTT ACCAGTGATG TAAGTTCTTA TTTGGAAGGC CAAGCTGCCA 60
198
199 AGGAATTCAT TGCTTGCTG GTGAAAGGCC GAGGATAGGG ATCCC 105
200
201 (2) INFORMATION FOR SEQ ID NO:7:
202
203 (i) SEQUENCE CHARACTERISTICS:
204 (A) LENGTH: 109 base pairs
205 (B) TYPE: nucleic acid

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/091,605DATE: 02/22/2000
TIME: 14:01:33

INPUT SET: S34734.raw

206 (C) STRANDEDNESS: single
207 (D) TOPOLOGY: linear
208
209 (ii) MOLECULE TYPE: cDNA
210
211
212
213
214 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
215
216 CTAGGGGATC CCTATCCTCG GCCTTTCACC AGCCAAGCAA TGAATTCCTT GGCAGCTTGG 60
217
218 CCTTCCAAAT AAGAACTTAC ATCACTGGTA AAGGTCCCTT CAGCATGTC 109
219
220 (2) INFORMATION FOR SEQ ID NO:8:
221
222 (i) SEQUENCE CHARACTERISTICS:
223 (A) LENGTH: 105 base pairs
224 (B) TYPE: nucleic acid
225 (C) STRANDEDNESS: single
226 (D) TOPOLOGY: linear
227
228 (ii) MOLECULE TYPE: cDNA
229
230
231
232
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
234
235 GACATGTTGA AGGGACCTTT ACCAGTGATG TAAGTTCTTA TTTGGAAGGC CAAGCTGCCA 60
236
237 AGGAATTCAT TGCTTGCTG GTGAAAGGCC GAGGATAGGG ATCCC 105
238
239 (2) INFORMATION FOR SEQ ID NO:9:
240
241 (i) SEQUENCE CHARACTERISTICS:
242 (A) LENGTH: 109 base pairs
243 (B) TYPE: nucleic acid
244 (C) STRANDEDNESS: single
245 (D) TOPOLOGY: linear
246
247 (ii) MOLECULE TYPE: DNA (genomic)
248
249
250
251
252 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
253
254 CTAGGGGATC CCTATCCTCG GCCTTTCACC AGCCAAGCAA TGAATTCCTT GGCAGCTTGG 60
255
256 CCTTCCAAAT AAGAACTTAC ATCACTGGTA AAGGTCCCTT CAACATGTC 109
257
258

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/091,605

DATE: 02/22/2000
TIME: 14:01:33

INPUT SET: S34734.raw

| Line | Error | Original Text |
|------|----------------------|------------------------|
| 32 | Wrong Classification | (C) CLASSIFICATION:514 |